



ELSEVIER

Agricultural Water Management 68 (2004) 267–268

Agricultural
water management

www.elsevier.com/locate/agwat

Contents of *Agricultural Water Management*, Volume 68

VOLUME 68 ISSUE 1

15 JULY 2004

Effect of subsurface drip irrigation on processing tomato yield, water table depth, soil salinity, and profitability	1
B. Hanson and D. May (Davis, CA, USA)	
Infiltration parameters for furrow irrigation	
E.A. Holzapfel, J. Jara (Chillán, Chile), C. Zuñiga (Chile), M.A. Mariño (Davis, CA, USA), J. Paredes (Chillán, Chile) and M. Billib (Hannover, Germany)	19
Resource-centred thinking in river basins; should we revoke the crop water requirement approach to irrigation planning?	
B.A. Lankford (Norwich, UK)	33
Characteristics and behavior of nutrients in a paddy field area equipped with a recycling irrigation system	
Y.W. Feng (Tokyo, Japan), I. Yoshinaga, E. Shiratani, T. Hitomi and H. Hasebe (Ibaraki, Japan)	47
Measuring the willingness of farmers to pay for groundwater in the highland areas of Jordan	
A.Z. Salman and E. Al-Karablieh (Amman, Jordan)	61
Production and quality of the onion crop (<i>Allium cepa</i> L.) cultivated under controlled deficit irrigation conditions in a semi-arid climate	
F. Martín de Santa Olalla, A. Domínguez-Padilla and R. López (Albacete, Spain)	77
Phosphorus transfer from soil to surface waters	
J. Mulqueen, M. Rodgers and P. Scally (Galway, Ireland)	91

VOLUME 68 ISSUE 2

1 AUGUST 2004

Effects of water stress at specific growth stages on onion bulb yield and quality	
G.Q. Peltier (Ephrata, WA, USA), R. Mittelstadt (Othello, WA, USA), B.G. Leib and C.A. Redulla (Prosser, WA, USA)	107
Simulation of water dynamics and irrigation scheduling for winter wheat and maize in seasonal frost areas	
S. Shang, X. Li (Beijing, China), X. Mao (Edinburgh, UK) and Z. Lei (Beijing, China)	117
Emitter and filter tests for wastewater reuse by drip irrigation	
A. Capra (Calabria, Italy) and B. Scicolone (Catania, Italy)	135
Field research on the performance of various drainage materials in Lithuania	
A. Rimidis (Vilainiai, Lithuania) and W. Dierckx (Merelbeke, Belgium)	151

Letter to the Editor

Reply to J.W. Van Hoorn 'Some observations with respect to sodicity hazard of irrigation waters'

L. Barbiéro (Bangalore, India and Toulouse, France), V. Valles (Marseille, France) and C. Cheverry (Rennes, France) 177

VOLUME 68 ISSUE 3**15 AUGUST 2004**

Mechanical control of shrubs in a semiarid region of Argentina and its effect on soil water content and grassland productivity

E.O. Adema, D.E. Buschiazzo (Anguil, Argentina and Santa Rosa, Argentina), F.J. Babinec, T.E. Rucci (Anguil, Argentina) and V.F.G. Hermida (Santa Rosa, Argentina) 185

Partial rootzone drying is a feasible option for irrigating processing tomatoes

J.A. Zegbe, M.H. Behboudian and B.E. Clothier (Palmerston North, New Zealand) 195

Estimating irrigation demand for water management on a regional scale. I. ADEAUMIS, a simulation platform based on bio-decisional modelling and spatial information

D. Leenhardt (Castanet-Tolosan, France), J.-L. Trouvat (Tarbes, France), G. Gonzalès (Toulouse, France), V. Péarnaud, S. Prats (Ramonville, France) and J.-E. Bergez (Castanet-Tolosan, France) 207

Estimating irrigation demand for water management on a regional scale. II. Validation of ADEAUMIS

D. Leenhardt (Castanet-Tolosan, France), J.-L. Trouvat (Tarbes, France), G. Gonzalès (Toulouse, France), V. Péarnaud, S. Prats (Ramonville, France) and J.-E. Bergez (Castanet-Tolosan, France) 233

Lentil production under supplemental irrigation in a Mediterranean environment

T. Oweis (Aleppo, Syria), A. Hachum (Mosul, Iraq) and M. Pala (Aleppo, Syria) 251

Contents of Agricultural Water Management, Volume 68 267

